

# The unusual reaction of alkylation of dicarboxylate phosphobetaines in alcohol media

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## Abstract

© 2018, © 2018 Taylor & Francis Group, LLC. The new reaction of alkylation of dicarboxylate phosphobetaines by alkyl halides in alcohol media has been opened. In this reaction alkyl radical enters to the ester part of molecule not from alkyl halide, but from the alcohol molecule. The structure of the isolated compounds was determined by IR and NMR spectroscopy, elemental and X-ray analysis.

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## Keywords

alcohol media, alkyl halides, alkylation, Dicarboxylate phosphobetaines

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